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11-14-02 PTO/SB/05 (4/98) Please type a plus sign (+) inside this box -> | ___ Please type a plus sign (+) inside this box

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 22-0191 UTILITY First Inventor or Application Identifier Nicholas F. DiCamillo PATENT APPLICATION Title See 1 in Addendum TRANSMITTAL (Only for new nonprovisional applications under 37 C F.R. § 1.53(b)) Express Mail Label No. ET837520071US Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) X Microfiche Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission Specification [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) - Descriptive title of the Invention a. Computer Readable Copy - Cross References to Related Applications Paper Copy (identical to computer copy) b. - Statement Regarding Fed sponsored R & D Statement verifying identity of above copies - Reference to Microfiche Appendix C. - Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement X (when there is an assignee) Power of - Detailed Description X 8. (when there is an assignee) Attorney - Claim(s) English Translation Document (if applicable) - Abstract of the Disclosure Information Disclosure Copies of IDS Drawing(s) (35 U.S.C. 113) 10. [Total Sheets Statement (IDS)/PTO-1449 Citations Oath or Declaration Total Pages Preliminary Amendment

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16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation-in-part (CIP)

Return Receipt Postcard (MPEP 503)

Certified Copy of Priority Document(s)

Unexecuted Declaration

26,074

01/11/02

Date

Statement filed in prior application

Status still proper and desired

(Should be specifically itemized)

(if foreign priority is claimed)

* Small Entity

Statement(s)

(PTO/SB/09-12)

of prior application No:

Registration No (Attorney/Agent)

Other:

Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. **CORRESPONDENCE ADDRESS** 30050 Customer Number or Bar Code Labe ! Correspondence address below (Insert Customer No. or Attach bar code label here) Name Address Citv State Zip Code Country Telephone Fax Name (Print/Type)

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NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

Divisional

Noel F. Heal

Copy from a prior application (37 C.F.R. § 1.63(d))

Signed statement attached deleting

inventor(s) named in the prior application,

see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

(for continuation/divisional with Box 16 completed)

DELETION OF INVENTOR(S)

Burden Hour Statement: This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual case comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Signature

Attachment to PTO/SB/05 (4/98) Utility Patent Application Transmittal

1. OPTIMIZATION OF EIRP VIA EFFICIENT REDUNDANCY POOLING CONCEPTS

PTO/SB/17 (12/99)
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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

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Complete if Known		
Application Number		
Filing Date	January 11, 2002	
First Named Inventor	Nicholas F. DiCamillo	
Examiner Name	Unassigned	
Group / Art Unit	N/A	
Attorney Docket No.	22-0191	

Date

01/11/02

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES Large EntitySmall Entity Fee	· · · · · · · · · · · · · · · · · · ·			
Account 20-1515	Code (\$) Code (\$)	Fee Paid			
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Account TRW Inc.	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.				
Charge Ann Additional For Brown	139 130 139 130 Non-English specification				
Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17	147 2,520 147 2,520 For filing a request for reexamination				
2. Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
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FEE CALCULATION	115 110 215 55 Extension for reply within first month				
1. BASIC FILING FEE	116 380 216 190 Extension for reply within second month				
Large Entity Small Entity	117 870 217 435 Extension for reply within third month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118 1,360 218 680 Extension for reply within fourth month				
404 000 004 045 1804 60 6	128 1,850 228 925 Extension for reply within fifth month				
106 310 206 155 Design filing fee 740.00	119 300 219 150 Notice of Appeal				
107 480 207 240 Plant filing fee	120 300 220 150 Filing a brief in support of an appeal				
108 690 208 345 Reissue filing fee	121 260 221 130 Request for oral hearing				
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding				
011070741 (1)	140 110 240 55 Petition to revive - unavoidable				
SUBTOTAL (1) (\$) 740.00	141 1,210 241 605 Petition to revive - unintentional				
2. EXTRA CLAIM FEES Fee from	142 1,210 242 605 Utility issue fee (or reissue)				
Ext <u>ra Claims below Fee Paid</u>	143 430 243 215 Design issue fee				
Total Claims 9 -20** = X 18 = 0	144 580 244 290 Plant issue fee				
Claims	122 130 122 130 Petitions to the Commissioner				
Multiple Dependent	123 50 123 50 Petitions related to provisional applications				
**or number previously paid, if greater; For Reissues, see below Large Entity Small Entity	126 240 126 240 Submission of Information Disclosure Strnt	 			
Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)				
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection				
102 78 202 39 Independent claims in excess of 3	(37 CFR § 1.129(a))				
104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional invention to be				
109 78 209 39 ** Reissue independent claims over original patent	examined (37 CFR § 1.129(b)) Other fee (specify)				
110 18 210 9 ** Reissue claims in excess of 20	Other fee (specify)				
SUBTOTAL (2) (\$) 0.00 · Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
SUBMITTED BY Complete (# applicable)					
Name (Print/Type) Noel F. Heal Registration No. 26 074 Telephone 310_812_4010					
Signature Noel F. Heal (Attorney/Agent) 26,074 Telephone 310-812-4910					

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